2017-18.

ಸಂ. ಬೆಂಬ್ಯಪ್ರ. ಪ್ರ.ಕ.
ಅಪಕ.

ಸಂ 356501 ರಿಂದ 356600
ಬೆಂಬ್ಯಪ್ರ/ಅಂಅಪಕ.

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92.

I st And Final Bill Work code. 005-17-0000025
Est cost Rs. 15.00 Lakhs

M. A. R. 57 (Rule 116)
Measurement Book
No. B 356501

Serial No. .....
Name of Work Drilling & Borewell And Providing Pump And Motor in Ward From No. 05 To Surrounding Area
Name of Contractor of nature of Agency Byatarayanapura Sub division.
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order no. - BBMP/EE/BTP/WO/73/2017-18						
	Name & Contractor - H.V. Nagaraj Kothakote. Bagepally.						
(1)	Geophysical investigation & Site for sinking Borewell for Supplying Drinking water to the habitation either through the Handpump MWS & PWSS by vertical electrical Sounding by adopting Wenner or Schlumbergers method						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including reconnaissance survey & geological formation Geophysical investigation & existing Ground water in the vicinity its quality and accessibility & the results indicating the location & size recommended depth & casing pipe depth to the seal the top reconsolidated formation including an extra depth of 1.0 mtr in consolidated formation for proper seating & casing pipe depth & diameter recover the depth & aquifer proposed to be tapped Probable yield and other information required including transformation & instalments and accessories to the bore fire engaging technical personal and labour required etc.						

Serial No. .....

Name of Work ..... Fro

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	as per specification loading unloading a as per the direction	
	① Varalayout	1
	② Vinayakanagara I st Main & M cross	1
	Rate. 2000:00	

OK

Depth 6	Contents 7	Reference to last Measurement 8
	Survey & geological igation & existing ing details and accepte ue location & size pipe depth to the seal ion including an exten formation for proper e depth & invert leve roposed to be tapped ion required includi accessories to the wo and labour required etc.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356502

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	as per specification and direction with all lead and lift loading unloading and Labour Charges etc. complete and as per the direction & the Engineer incharge & the work.						
	① Varalayout	1	-	-	-	1	
	② Vinayakanagara I st Main & M cross	1	-	-	-	1	
	Rate. 2000:00					2 nos	4000:00

Bhandari 1/7/17

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Vara Layout	1	62.00	-	-	62.00	
	(2) Vinayakanagara						
	I st Main 6 M cross	1	58.00	-	-	58.00	
						120.00 Mtr	
	Rate. 1400:00						168000:00
(10)	Providing 250mm dia Pre Pipes 6 kg/cm as Per Specification and direction & the Engineer in-charge & the Work.						

M. A.
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Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	(1)	1
	(2)	1
	Rate. 788:00	
(11)	Providing and [illegible]	
	Less M/D Work all [illegible]	
	Labour Charges etc..	
	the Engineer in Charge	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	①	1	-	-	-	1	
	②	1	-	-	-	1	
						2 nos	208.00
	Base. 104.00						
(12)	Supply and delivery of size brand new Termo monoset Lesi/Saber Atalanta/Calamal/more Suitable for vertical installation in monoblock horizontal compressing & Single stage or multi-stage CF Pump Close coupled by means of Stainless						

M. A.
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Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	Steel coupling & Se... enclosed and fixed Sainmal case Submer... operation & 3ph 50... required accessories Sand Cleard non return... major Shall form an i... 10.00 HP 20 stage wi... and cabent Charges ele... the Engineer incur...

OOK

Depth 6	Contents 7	Reference to last Measurement 8
-	1	
-	1	
	2 nos	208.00
se brand new Termo		
ta/ Calamal/ make		
ea ion in 1500 mm dia		
he shape or multi-		
by means of Stainless		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356507

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Steel coupling of suitable HP suitable speed to taley encased and fixed with pure drinking water (wet type) Sealed case submersible induction motor suitable for operation of 3ph 50 Hz 2 380/440 Volts AC supply fixed with required accessories such as suction casing suction strainer Sand guard non return valve etc. Complete the pump and motor shall form an integral unit with all the required items 10.00 HP 20 stage with all cost and list loading unloading and custom charges etc.- Complete and as per the direction of the Engineer incharge of the work.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	① Vara layout	1	-	-	-	1	
	② Vinayakanagara I st Main 6 th cross	1	-	-	-	1	
						2 NOS	
							150000:00
	Rate - 75000:00						
(13)	Supplying & ISI marked Galvanized mild steel tube (Continuously welded electric resistance welded (ERW) high frequency induction welded (HF(W)) hot finished welded tube & nominal bore given below						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Screwed as per ... mensg pipes thro... as per Specifica... ming to IS 1239 Pa... ace its latest amen... be with Bis mark e...
	① Vara layout
	② Vinayakanagara I st Main 6 th cross
	Rate - 400:00

OK

Depth 6	Contents 7	Reference to last Measurement 8
-	1	
-	1	
	2 Nos	150000·00
mized mild Steel		
c resistance welded		
elded (HF/W) not		
ove given below		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356508

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor or nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Renewed as Socket ends as per IS 554/1986 with latest amendments pipes threaded at one end and the other end prepared as per specification in random lengths of 4 to 7 mts conforming to IS 1239 Part 1/1990 with amendment 1-5 and with all its latest amendments if any. The pipes supplied shall be with BIS mark ese- compese as per specification.						
	① Vara Layout	53	6.00	-	-	318.00	
	② Vinayakanagara 1st Main 6th Cross Rate · 400·00	54	6.00	-	-	324.00	
					limited to	642.00 MR 640.00 MR	256000·00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Heavy Duty Cocear 50 mm dia.						
	(1)	53	-	-	-	53	
	(2)	54	-	-	-	54	
						107 Nos	
	Rate. 135:00		Limited to			105 Nos	
						14175 :-	
(15)	Supplying and Drawing 3 core flat pvc Sheathed Submersible Pump Cable manufactured with electrolytic grade copper Conductor Conforming to table 3 class 5 of IS 8130-1984 and insulation grade						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	pvc insulation a voltage upto 1100 unloading and Cabo direction & the En	
	(1) Vasavi Layout	
	(2) Vinayakanagara I st Main 6 th cross	
	Rate - 210:00.	

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
mm dia.			
-	-	53	
-	-	54	
		107 Nos	
mited to		105 Nos	
			14175 : 00
Core flat pvc Sheathed			
manufactured wire			
er Conductor Conforming			
30-1984 and wiring Guide			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356509

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	PVC insulation and Sheathed suitable for working voltage upto 1100 volts including cost loading unloading and labour charges etc.. complete and as per direction & the Engineer incharge of the work.						
	① Nagalayout	1	696.00	—	—	696.00	
	② Vinayakanagara I st Main 6 th cross	1	708.00	—	—	708.00	
	Rate - 210:00				limited to	1404.00 Mtr 1400.00 Mtr	294000 : 00

18/7/17

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(16)	Lasour charges for Erection as new repaired Sub-mersible Pumpset along with 61 Pipe (32/80 min) cable (new Submersible Pumpsets is required will be supplied by the department free of cost and released Pumpsets should be handed over to departments including transportation (Excellent 6100 MW ese.. Complete and as per direction of the Engineer incharge of the work.						
	①	53	-	-	-	53	
	②	54	-	-	-	54	
						107 lengths	
	Page - 92:10			Limited to		90 lengths 8280	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
(17)	Supplying and made of not less ... Class Planks made ... fixing the same ... wooden plugs screw ... unloading and carri...	
	①	1
	②	1
	Page - 315:00.	

BOOK

ns Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		as new repaired Sub-	
		with GI Pipe (32/50 mm)	
		purposes is examined	
		Department free of cost	
		need be handed over to	
		Corporation (Executive	
		as per direction & he	
		will.	
	-	53	
	-	54	
		107 lengths	
		90 lengths 8280	
ished to			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356510

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(17)	Supplying and fixing 20" x 20" x 2.5" Polished Wood Board made of not less than 18 mm thick Plank on both sides with Planes made out of not more than 2 Pieces and fixing the same to the Wall using tapered inserted Wooden Plugs Screws etc., with all Cost and Cost loading unloading and Carriage charges etc., Complete as per Specification						
	(1)	1	-	-	-	1	
	(2)	1	-	-	-	1	
						2 Nos.	630.00
	Page - 315.00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(18)	Supplying & LT XLPE Cable having Aluminium Conductor pre insulated Shelled galvanised steel wire/steel tape armoured cable with PVC outer sheading 1.1 kV class with all lead and list loading unloading and Labour charges etc.. complete and as per direction of the Engineer in charge & the work etc.. complete.						
	(1) Vasa Layouts	1	29.00	-	-	29.00	
	(2) Vinayakanagara I st Main 6 th cross Rate : 146:00	1	31.00	-	-	31.00	
						60.00	8760:00

M. A.
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Serial No. .....
Name of Work ..... From.
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
(19)	Labour charges for Electrical SR. 1999-20 unloading and Labour the direction & the	
	(1)	1
	(2)	1
	Rate : 11.20	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
		...ving Aluminium ...ued galvanised steel ...e to improve ...ower ...cond and last loading ...e. Connect ...ineer in charge & the	
-	29.00	
-	31.00	
	60.00	8760.00

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No. B 356511

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(19)	Labour charges for laying 8.1 kV class 2Cx4 cable (PWD Electrical SR. 1999-2000 Item all cost and test loading unloading and Labour charges etc. complete and as per the direction of the Engineer in charge & the work.						
	(1)	1	29.00	-	-	29.00	
	(2)	1	31.00	-	-	31.00	
						60.00 Mtr	
	Page · 11.20						672.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(20)	Digging & trenching 0.60 m x 0.50 m cutting the position the trench to the required ground level and consolidating etc.. complete as per civil SR item 1.2 P.7 DSR and load and cart loading unloading and carriage charges etc.. complete and as per direction & the Engineer incharge & the work.						
	(1)	1	25.00	-	-	25.00	
	(2)	1	25.00	-	-	25.00	
						50.00 MT	
	Rate · 88:00						4400:00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(21)	Supplying and & w.c.c. sleepers drain crossing w & its cartage & unloading and & the Engineer in
	(1)
	(2)
	Rate. 360:00

OOK

Depth 6	Contents 7	Reference to last Measurement 8
x 0.30 m wide below ground level and as per civil [illegible] loading unloading lowering and as per direction the work.		
-	25.00	
-	25.00	
	50.00 MR	
		4400:00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356512

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(21)	Supplying and fixing G.I. Class A (medium duty) G.I. Pipe of wall thickness not less than 3.25 mm on face (wall/main crossing with necessary clamping arrangements for 11 KV cable & 1.1 kV class with all lead and cross loading unloading and lowering carriage etc. complete as per direction of the Engineer incharge of the work.						
		(1) 1	4.00	-	-	4.00	
		(2) 1	4.00	-	-	4.00	
	Page. 360:00					8.00 MR	2880:00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(22)	Supply and fixing C.I. Cast iron pot head Sealing for 1.1 kV class XLPE cable gland with necessary brass insulating compound Complete with terminal clamps bolts, nuts and washers etc. with all lead and lift loading unloading and Carriage charges etc. complete and as per the direction of Engineer incharge of the work.						
	(1)	1	-	-	-	1	
	(2)	1	-	-	-	1	
						2 Nos	
	Rate. 292:00						584:00

M.

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
(23)	Supplying fixing w conduits, IC outdoo board using 40mm d buried in a Pit The & Soil and Cartload & Soil and Cartload 150 Pit to the Conduit etc as per IS specifica wet wastage etc. Com	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
n Pot	head Sentage	
wn	necessary Sizes	
wn	terminal clamps	
m	earthing and nuts	
	earthing complete	
	ineer incharge to the	
-	1	
-	1	
	2 Nos	SOR : 00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356513

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(23)	Supplying fixing wiring earth electrode for grounding conduits, ic cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI Pipe 2.5 mtr long buried in a Pit. The Pit shall be filled with equal proportion of Soil and charcoal 150 mm around the Pipe to equal proportion of Soil and charcoal 150 mm around the Pipe the connection the Pipe to the conductor etc. is to be established the GI wire by use of as per IS1 specification 7.3.3 IS 732 using 12 mm dia bolts nuts washers etc. complete as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	①	1	-	-	-	1	
	②	1	-	-	-	1	
						2 nos	
	Page · 28 no : 00						5698 : 00
24	Supplying and fixing 6 porcelain fuse channel with cut outs on existing wooden panel using necessary nuts bolts and washers etc. with all lead and lift loading unloading and carriage charges etc. complete as per specification.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	①	
	②	
	Page · 188 : 00	
25	Providing and fixi metal non pressure including cost & all with all lead and lift	

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
-	-	1	
-	-	1	
		2 nos	
			5698:00

rcelain fuse channel
wooden panel ng
shing etc.. wk all lead
and Labour Charges etc
..

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356514

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	①	1×6	-	-	-	6	
	②	1×6	-	-	-	6	
						12 nos	2256:00
	Rate - 188:00						
(25)	Providing and fixing in position 50mm nominal bore gun metal non return valve horizontal type & approved make including cost & all necessary labour and tools & equipments wk all lead and lift complete as per specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	①	1	–	–	–	1	
	②	1	–	–	–	1	
						2 nos	
	Base · 1657:00						3314:00
(26)	Providing NP/CP Base rubions Conforming to IS1 Specification and fixing them in position as per directions including cost of materials fixtures and conveyance to work spot etc.. Compresse with all cost and with loading and unloading and labour charges etc. Compresse as per Specification.						

Serial No. .....

Name of Work ..... Fro

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	①	1
	②	1
	Base · 238:00	
(27)	Supplying and fixi With all cost and etc.. Compresse as	wes per
	①	4
	Base · 83:00 ②	4

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth	Breadth 5	Depth 6	7	8
-	-	-	1	
	-	-	1	
			2 nos	
				3314:00

ensions Conforming to ISI
ent in position as per drawin
es fixtures and carriage
ese with all lead and lift
and labour charges etc.
ation.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356515

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(1)	1	-	-	-	1	
	(2)	1	-	-	-	1	
						2 nos	476:00
	Page - 238:00						
27	Supplying and fixing 50 mm dia GI x nipple with ISI mark with all cost and lead including unloading and labour etc. complete as per specification.						
	(1)	4	-	-	-	4	
	Page - 83:00 (2)	4	-	-	-	4	
						8 nos	664:00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(28)	Supplying Shunt Capacitors Conforming to IS 2834 3 Phase 400/440 Volts Grade for Power Factor improvement & Testing Marking Capacity in KVAR Rating Nos 2 KVAR Capacity with all Load and Wire loading unloading and Carriage charges etc. complete as per Specification.						
	(1)	1	-	-	-	1	
	(2)	1	-	-	-	1	
						2 Nos	
	Page. 365:00						730:00

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
(29)	Supplying and fi... Socketing on Ends... necessary fixing m... 5 to 30 amps Wire... unloading and Labo...	
	(1)	1
	(2)	1
	Page. 1616:00	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
conforming	to 13 2834	
e for power drawn		
drawing capacity in		
drawing work as load		
and labour charges		
carriage.		
-	1	
-	1	
	2 nos	
		730:00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356516

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
22	Supplying and fixing miniature circuit breakers Sockets on existing MCB distribution boards drawing necessary fixing materials wiring Complete as required 5 to 30 amps triple pole earth leakage and over loading unloading and labour charges etc. complete.						
	①	1	-	-	-	1	
	②	1	-	-	-	1	
						2 nos	3232:00
	Page. 1616:00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(30)	Fabrication Supplying and mounting MS Gate 2 16 SWG Sheet for Door Wall mounting Iron Weather Proof with Provision for Letter head Letter Provided with hinged Front Cover complete with necessary Cage Ensure Pipe with gland and Gate Ground be finished 2 Coats of Red oxide Primer Paint and finally finished with approved Colour as Lead and Use Loading Unloading and Conveyance Etc. - Complete as per Specification.						
	(1) Main layout	2	120.00	60.00	-	14400.00	
		1	360.00	25.00	-	9000.00	

M. A.
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Serial No. .....
Name of Work ..... From.
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	(1) Vinayaka nagara	
	I st Main 6 th Cross	2
		1
	Rate. 0.35	
		2002
(31)	Supplying and delivery	
	loading Sanghvi / Adarsh	
	Mills Combind energy	

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
		...d mounting MS bar 2	
		...wall mounting Siem	
		...for Solar heat dissipation	
		...Cover capped with	
		...with gland and bar	
		...ss & fixed onto Pump	
		...with approved Colour	
		...Coating and Observation	
		...ation.	
0.00	-	14400.00	
25.00	-	9000.00	

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No. B

356517

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	① Vinayaka nagara						
	I^st Main 6^th cross	2	120.00	60.00	-	14400.00	
		1	360.00	25.00	-	9000.00	
						46800.00 sqcm	
	Rate. 0.35					16380.00	
			2900				
31	Supplying and delivery as per Brand new Star/ Essen						
	Lodus Sensuines/ Adarsh GK controls less indigenous						
	make Combind energy meter cum control panel Board						

Thandeva 15/7/17.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	unit of size 600 x 450 x 200 mm minimum thickness Steel, vermin and Water proof The unit shall have two detachable doors Suitable operation on 3 ph 50 Hz 380/440 volts AC supply with spring loaded latch locking device with a key slot should be Provided with spring loaded latch locking device with a key slot should be Provided inside the door Canopy apron and louvers ventilating sheet be Provided inside the door The panel board unit be fabricated as per the above unit is the above dimensions etc - Complete as per specification.						

M. A. R
Meas

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	(1) Nara Layout	1
	(2) Vinayakanagara I st main 6 th cross	1
	Rate. 11495.00	
(32)	Earthwork excavation including depositing including shoring and	

T BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
mm minimum maximum			
oof The unit shall have			
use operation as 3 m			
ppy iron spring loaded			
a very piss should be			
ed labour locking device			
provided inside the door			
ventilating sheet to			
r the panel board sub			
unit in the above connec			
rection.			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

356518

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(1) Vasa Layout	1	-	-	-	1	
	(2) Vinayakanagara I st main 6 th cross	1	-	-	-	1	
						2 nos	22990.00
	Page. 11495.00						
(32)	Earthwork excavation for pipeline foundation including dressing & sand cut to a depth 8 to 9 mts including shoring and strutting dewatering, and using						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Rails and boring poles as every 100 mts drive necessary as directed in the following Sq.m.s.m manholes with all lead and lift loading unloading charges etc.. complete as per specification. As per Pre-measurement recorded vide Page No.. 356566 to 356568 in this MB. 323.10 M Page. 196:00						63328:6

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
33	Providing and Pipes including lowering into them laying as joints the Pipe around to or released earth all lead and lift etc As per Pre-Meas Page No.. 3565	

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
& every 100 mtrs thereon following Gradient with Loading unloading & Stacking.			
nt recorded vide 568		in this MB.	
		323.10 M	
		63328=6	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
356519

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(33)	Providing and Pipes including lowering into trenches laying true to line & level and joints & leak proof including jointing encasing the pipe around to a depth not less than 15cm with sand or selected earth available from the excavation with all lead and lift etc.. complete as per specification. As per Pre-Measurement recorded vide Page No.. 356568	installation of size & various pvc Pipes and specials and including to line level and joints encasing 15cm with sand from					
		1	356568	to	356570	in this MB.	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						718.00 Mtr	
	Page · 164 : 00						117752 : 00
(34)	Refilling the surmount and Pipeline trenches with released excavated earth to trench excavation including necessary Condition in layers not more than 300 mm thick including dispersing & the surplus earth with a heavy 200 mm with all lead and lift etc.. complete as per specification. (32)					323.10 M	20355 : 3
	Page · 63 : 00						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(35)	Providing a with Ci wheel 50 mm nomi Casson and Ho as per Specifi

CJFC
29.25 M
3/8/2017

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
		718.00 Mtr	117752.00
Pipeline trenches on to trench excavation on in layers from & the Singles earth all lead and lift ization.			
..	(32)	3	
		323.10 M	20355.3

M. A. R. 57 (Rule 116)
Measurement Book

No. B 356520

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(35)	Providing and fixing in position brass gate valve with C.I. wheel & approved quality (screwed end) 50 mm nominal bore including cost & all material Labour and T&M & equipment complete all leads complete as per specification etc. complete.						
	CgFC 29.25 Rs 3/8/2017	2	–	–	–	2	
		3	–	–	–	3	
		3	–	–	–	3	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Varified & 21/11	2	-	-	-	2	
	R.E. (Bg-2)					10 Nos	22730 : 00
	Rate - 2273 : 00						15444312 -
	BESCOM De Posit For			Total		Rs :	1544900 :
				Borewell	2	x 12240/00	24480 :
	Certificate.						
				Grand Total Rs :			1569380 :
							1568792.
	Accepted all measurements & full & final settlement	1) Certified that the work done satisfactorily					
		2) This bill Amount has not been claimed in any of previous bill.					

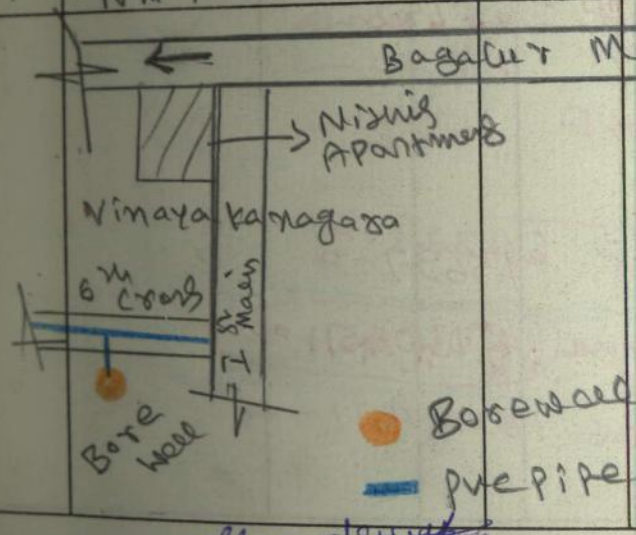
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

M. A. R
Meas

Serial No. .....
Name of Work ..... From....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	NH 7 2	3



ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
–	–	2	
		10 Nos	22730 = 0
			1544312
Total		Rs :	1544900
Borewell 2		× 12240/00	24480
Grand Total Rs:			~~1569380~~ 1568792
e work done Sadly [illegible]			
t has not been claimed			
ious bill.			
		Khandesh	3/8/17
		ಸಹಾಯಕ ಅಭಿಯಂತರರು	
		ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ	

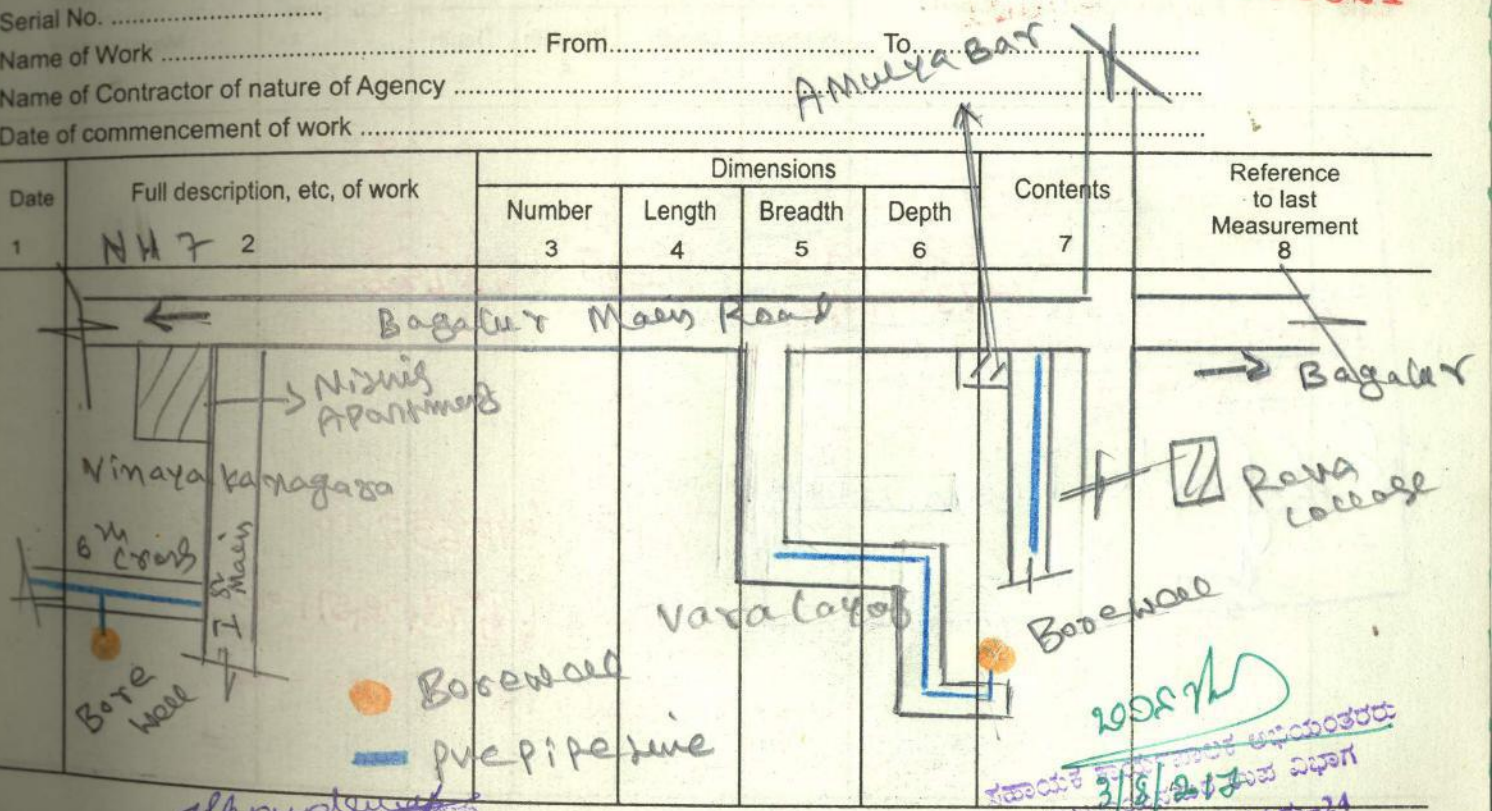
M. A. R. 57 (Rule 116)
Measurement Book

No. B

356521

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	NH 7						



Khandesh
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

2nd R/A

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
3/8/2017
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Total Rs: 1568792-00				
			IT- 15688-00				
			CGST 15688-00				
			SGST 15688-00				
			Cess 15688-00				
			CBS- 1569-00				
			Add. 64321-00				
			Cheque 1504471-00				
			Rs 1504471-00				

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 15,68,792-00.

ಗಳಿಸಿದ ಪಾಸು ಮಾಡಿದೆ: ಗದರಲ್ಲಿ ರೂ 64321-00

ಹೊಸಾಂಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 1504471-

Fifteen Lakh, four Thousand four hundred seventy one only

ಈ ಮುಂಚಿತರ ನೀಡಲಾಗಿದೆ.

ಲೆಕ್ಕಾಧಿಕಾರಿ

21/1

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agen

Date of commencement of work .....

Date	Full description, etc, of work
1	2